

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with WRKICH, JOSEPH on June 16, 2010.

The application has been amended as follows:

The title has been amended as follows:

HYBRID MULTIBEAM ELECTRONIC EMISSION DEVICE WITH CONTROLLED DIVERGENCE

~~DIVERGENCE-CONTROLLED HYBRID MULTIPLE ELECTRON BEAM-EMITTING DEVICE~~

The claims have been amended as follows:

69 (New): An electronic emission device including plural electron beams comprising:
a first structure including a plurality of emitting sources of electron beams;
a second structure including a plurality of diaphragm openings; and
one or more films with anisotropic conduction interposed between the first structure and the second structure and hybridizing the first structure with the second structure.

Allowable Subject Matter

1. Claims 33-34, 37-54, and 68 are allowed.
2. The configuration was not found in a prior art search. The following is a listing/statement of reasons for the indication of allowable subject matter.

The prior art search failed to show or suggest the prior use of the configuration/ combination of elements of independent claim 33, specifically: the electronic emission device including plural electron beams comprising:

a first structure including a plurality of electron beam emitting sources;
a second structure including a plurality of diaphragm openings; and
metallic balls made from at least one of fusible metal alloys and gold interposed between the first structure and the second structure and hybridizing the first structure with the second structure.

4. Dependent claims 34, 37-54 and 68 are allowable due to dependency upon allowable independent claim 33.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Pertinent prior art is closely related art that individually or in

combination could be considered grounds for rejection. See references cited for a listing of the pertinent prior art found.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Smyth whose telephone number is 571-270-1746. The examiner can normally be reached on 7:30AM - 5:00PM; Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. S./
Examiner, Art Unit 2881

/Bernard E Souw/
Primary Examiner, Art Unit 2881

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